



OptiVision LED gen3

BVP527 2210/757 BV A35-WB D9 T25 50K

OPTIVISION LED GEN3 LARGE - LED module 221000 lm - 757 cool white - 230-400 V - Asymmetrical

The Philips OptiVision LED gen3 floodlighting system provides a complete lighting solution for the simplest through to the most complex area and recreational sports lighting applications. The high-efficiency floodlight comes with a single piece die cast housing, hosting 2 and 3 LED engines respectively, which also function with an external driver box – separate for use at a distance from the floodlight (BV), or pre-fixed onto the mounting bracket of the floodlight (HGB) for ease of installation and lower initial cost. It meets the highest performance standards, provides outstanding light, quality, uniformity and ensures safety and visual comfort. OptiVision LED offers new possibilities to reduce energy consumption and increase flexibility (instant start, programmable lighting levels) when used in conjunction with Interact Sports lighting management system, dedicatedly designed for recreational and training facilities. The floodlight is also compatible with other external control systems through DALI.

Product data

General Information			
Lamp family code	LED2210 [LED module 221000 lm]	Cable	-
Light source color	757 cool white	Protection class IEC	Safety class I
Light source replaceable	Yes	Flammability mark	For mounting on normally flammable surfaces
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	Power supply unit with DALI interface	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	3 years
Optical cover/lens type	Polycarbonate bowl/cover clear	Optic type outdoor	Asymmetrical
Luminaire light beam spread	50° - 16° × 116°	Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Control interface	DALI	Constant light output	No
Connection	Connection unit 5-pole		

OptiVision LED gen3

Number of products on MCB of 16 A type - B	-
RoHS mark	RoHS mark
Light source engine type	LED
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Product family code	BVP527 [OPTIVISION LED GEN3 LARGE]

Light Technical

Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	-

Operating and Electrical

Input Voltage	230-400 V
Input Frequency	50 to 60 Hz
Inrush current	20 A
Inrush time	0.160 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	Yes
----------	-----

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	441 mm
Overall width	695 mm
Overall height	695 mm
Overall diameter	737 mm

Effective projected area	0.512 m ²
Color	Aluminum

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Surge protection level until 10 kV differential mode

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	170000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	108 lm/W
Init. Corr. Color Temperature	5700 K
Init. Color Rendering Index	>70
Initial chromaticity	(0,3215 0,3350)
Initial input power	1580 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Useful life L80B10	50000 h
--------------------	---------

Application Conditions

Ambient temperature range	-40 to +45 °C
Maximum dim level	10%

Product Data

Full product code	871869986743000
Order product name	BVP527 2210/757 BV A35-WB D9 T25 50K
EAN/UPC - Product	8718699867430
Order code	912300024297
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300024297
Net Weight (Piece)	26.500 kg



OptiVision LED gen3

Dimensional drawing

OptiVision LED gen3 BVP517/527

